



COMMISSIONER OF PATENTS AND TRADEMARK  
P.O. Box 1450  
Alexandria, VA 22313-1450

FORM PTO-1449 (Modified)  
LIST OF PATENTS AND PUBLICATIONS  
FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT  
Sheet 1 of 24

RECEIVED  
JUN 11 2003  
TECH CENTER 1800/2900

In re the Application of Barnett et al.

Examiner: Unassigned

Serial No.: 09/899,575

Art Unit: 4633 **1648**

Filed: July 5, 2001

Confirmation No.: 1709

Title: POLYNUCLEOTIDES ENCODING ANTIGENIC HIV TYPE C POLYPEPTIDES, POLYPEPTIDES AND USES THEREOF

Atty. Docket No.: PP01631.102 (CHIR-1631/03US)

U.S. PATENT DOCUMENTS

Ex'r Initial	Ref. No.	Document No.	Date	Name	Class	SubClass	Filed
NC	A1	5,032,510	July 16, 1991	Kovacevic et al.			
	A2	RE 33,653	July 30, 1991	Mark et al.			
	A3	5,128,319	July 7, 1992	Arlinghaus			
	A4	5,256,767	October 26, 1993	Salk et al.			
	A5	5,304,472	April 19, 1994	Bass et al.			
	A6	5,364,773	November 15, 1994	Paoletti et al.			
	A7	5,419,900	May 30, 1995	Lane et al.			
	A8	5,503,833	April 2, 1996	Redmond et al.			
	A9	5,550,280	August 27, 1996	Dao-Cong et al.			
	A10	5,637,677	June 10, 1997	Greene et al.			
	A11	5,665,569	September 9, 1997	Ohno			
	A12	5,665,720	September 9, 1997	Young et al.			
	A13	5,670,152	September 23, 1997	Weiner et al.			
	A14	5,683,864	November 4, 1997	Houghton et al.			
	A15	5,686,078	November 11, 1997	Becker et al.			
	A16	5,693,755	December 2, 1997	Buonagurio et al.			
	A17	5,712,088	January 27, 1998	Houghton et al.			

Examiner: 

Date Considered: 03/21/06

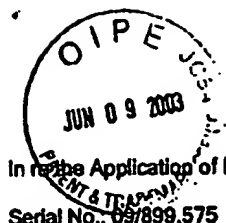
EXAMINER: Initial if citation considered whether or not the citation conforms with MPEP609. Draw a line through the citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

648137 v1/PA  
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NC - References were not considered.

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In re: Application of Barnett et al.

Serial No.: 09/899,575

Filed: July 5, 2001

Examiner: Unassigned

Art Unit: 1633 1648

Confirmation No.: 1709

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Title: POLYNUCLEOTIDES ENCODING ANTIGENIC HIV TYPE C POLYPEPTIDES, POLYPEPTIDES AND USES THEREOF

Atty. Docket No.: PP01631.102 (CHIR-1631/03US)

NC	A18	5,714,596	February 3, 1998	Houghton et al.			
	A19	5,728,520	March 17, 1998	Weiner et al.			
	A20	5,741,492	April 21, 1998	Hurwitz et al.			
	A21	5,750,373	May 12, 1998	Garrard et al.			
	A22	5,766,845	June 16, 1998	Weiner et al.			
	A23	5,817,637	October 6, 1998	Weiner et al.			
	A24	5,837,242	November 17, 1998	Holliger et al.			
	A25	5,837,818	November 17, 1998	Buonagurio et al.			
	A26	5,840,313	Nov. 24, 1998	Vahine et al.			
	A27	5,846,546	December 8, 1998	Hurwitz et al.			
	A28	5,853,736	December 29, 1998	Becker et al.			
	A29	5,858,675	January 12, 1999	Hillman et al.			
	A30	5,866,320	February 2, 1999	Rovinski et al.			
	A31	5,871,747	February 16, 1999	Gengoux-Sedlik et al.			
	A32	5,876,731	March 2, 1999	Sia et al.			
	A33	5,879,907	March 9, 1999	Aberg, et al.			
	A34	5,879,925	March 9, 1999	Rovinski, et al.			
	A35	5,889,176	March 30, 1999	Rovinski et al.			
	A36	5,932,445	August 3, 1999	Lal et al.			

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Serial No.: 09/899,575

Art Unit-1633-1648

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Title: POLYNUCLEOTIDES ENCODING ANTIGENIC HIV TYPE C POLYPEPTIDES, POLYPEPTIDES AND USES THEREOF

Atty. Docket No.: PP01631.102 (CHIR-1631/03US)

NC	A37	5,951,975	September 14, 1999	Falo Jr., et al.			
	A38	5,955,342	September 21, 1999	Rovinski et al.			
	A39	5,965,726	October 12, 1999	Pavakis et al.			
	A40	5,972,596	October 26, 1999	Pavakis et al.			
	A41	6,001,977	December 14, 1999	Chang et al.			
	A42	6,004,763	December 21, 1999	Gengoux et al.			
	A43	6,025,125	February 15, 2000	Rovinski et al.			
	A44	6,060,273	May 9, 2000	Dirks et al.			
	A45	6,060,587	May 9, 2000	Weiner et al.			
	A46	6,063,384	May 16, 2000	Morrow et al.			
	A47	6,074,636	June 13, 2000	Nichols			
	A48	6,080,408	June 27, 2000	Rovinski et al.			
	A49	6,087,486	July 11, 2000	Weiner et al.			
	A50	6,093,800	July 25, 2000	Reiter et al.			
	A51	6,096,505	August 1, 2000	Selby et al.			
	A52	6,099,847	August 8, 2000	Tobin et al.			
	A53	6,114,148	September 5, 2000	Seed et al.			
	A54	6,132,973	October 17, 2000	Lal et al.			
↓	A55	6,139,833	October 31, 2000	Burgess et al.			

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Atty. Docket No.: PP01631.102 (CHIR-1631/03US)

NC	A56	6,140,059	October 31, 2000	Schawaller			
	A57	6,146,635	November 14, 2000	Cano et al.			
	A58	6,172,201	January 9, 2001	Weiner et al.			
	A59	6,174,666	January 16, 2001	Pavliakis et al.			
	A60	6,214,804	April 10, 2001	Felgner et al.			
	A61	6,291,157	September 18, 2001	Rovinski et al.			
	A62	6,291,664	September 18, 2001	Pavliakis et al.			
	A63	6,316,253	November 13, 2001	Innis et al.			
	A64	6,331,404	December 18, 2001	Berman et al.			

FOREIGN PATENT DOCUMENTS

Ex'r Initial	Ref. No.	Document No.	Published	Country	Class	SubClass	Translation	
							YES	NO
NC	B1	WO 86/03224	June 5, 1986	PCT				
	B2	WO 87/02775	May 7, 1987	PCT				
	B3	WO 88/00471	January 28, 1988	PCT				
	B4	WO 88/10300	December 29, 1988	PCT				
	B5	WO 89/01940	March 9, 1989	PCT				
	B6	WO 89/02277	March 23, 1989	PCT				
	B7	WO 89/02922	April 6, 1989	PCT				

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Atty. Docket No.: PP01631.102 (CHIR-1631/03US)

NC	B8	WO 89/03222	April 20, 1989	PCT				
	B9	WO 90/02568	March 22, 1990	PCT				
	B10	WO 90/03984	April 19, 1990	PCT				
	B11	WO 90/10438	September 20, 1990	PCT				
	B12	WO 90/11092	October 4, 1990	PCT				
	B13	WO 90/11359	October 4, 1990	PCT				
	B14	WO 90/12094	October 18, 1990	PCT				
	B15	WO 90/15141	December 13, 1990	PCT				
	B16	WO 91/04273	April 4, 1991	PCT				
	B17	WO 91/06319	May 16, 1991	PCT				
	B18	WO 91/07425	May 30, 1991	PCT				
	B19	WO 91/07510	May 30, 1991	PCT				
	B20	WO 91/13360	September 5, 1991	PCT				
	B21	WO 91/13906	September 19, 1991	PCT				
	B22	WO 91/15238	October 17, 1991	PCT				
	B23	WO 91/15512	October 17, 1991	PCT				
	B24	WO 91/16926	November 14, 1991	PCT				
	B25	WO 91/18928	December 12, 1991	PCT				
↓	B26	WO 91/19803	December 26, 1991	PCT				

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Atty. Docket No.: PP01631.102 (CHIR-1631/03US)

NC	B27	WO 92/03475	March 5, 1992	PCT				
	B28	WO 92/04046	March 19, 1992	PCT				
	B29	WO 92/05799	April 16, 1992	PCT				
	B30	WO 93/02102	February 4, 1993	PCT				
	B31	WO 93/04090	March 4, 1993	PCT				
	B32	WO 93/08836	May 13, 1993	PCT				
	B33	WO 93/14789	August 5, 1993	PCT				
	B34	WO 93/20212	October 14, 1993	PCT				
	B35	WO 93/21346	October 28, 1993	PCT				
	B36	WO 93/23569	November 25, 1993	PCT				
	B37	WO 94/04574	March 3, 1994	PCT				
	B38	WO 94/07922	April 14, 1994	PCT				
	B39	WO 94/11523	May 26, 1994	PCT				
	B40	WO 94/13804	June 23, 1994	PCT				
	B41	WO 94/15621	July 21, 1994	PCT				
	B42	WO 94/16060	July 21, 1994	PCT				
	B43	WO 94/16737	August 4, 1994	PCT				
	B44	WO 94/18221	August 18, 1994	PCT				
	B45	WO 94/20141	September 15, 1994	PCT				

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Atty. Docket No.: PP01631.102 (CHIR-1631/03US)

NC	B46	WO 94/20640	September 15, 1994	PCT				
	B47	WO 94/22477	October 13, 1994	PCT				
	B48	WO 94/26293	November 24, 1994	PCT				
	B49	WO 94/29339	December 22, 1994	PCT				
	B50	WO 95/03407	February 2, 1995	PCT				
	B51	WO 95/04818	February 16, 1995	PCT				
	B52	WO 95/11317	April 27, 1995	PCT				
	B53	WO 95/11701	May 4, 1995	PCT				
	B54	WO 95/24485	September 14, 1995	PCT				
	B55	WO 95/25124	September 21, 1995	PCT				
	B56	WO 95/27505	October 19, 1995	PCT				
	B57	WO 95/29700	November 9, 1995	PCT				
	B58	WO 95/33206	December 7, 1995	PCT				
	B59	WO 95/33835	December 14, 1995	PCT				
	B60	WO 96/02273	February 1, 1996	PCT				
	B61	WO 96/02557	February 1, 1996	PCT				
	B62	WO 96/04382	February 15, 1996	PCT				
	B63	WO 96/09066	March 28, 1996	PCT				
	B64	WO 96/09378	March 28, 1996	PCT				

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Title: POLYNUCLEOTIDES ENCODING ANTIGENIC HIV TYPE C POLYPEPTIDES, POLYPEPTIDES AND USES THEREOF

Atty. Docket No.: PP01631.102 (CHIR-1631/03US)

NC	B65	WO 96/16178	May 30, 1996	PCT				
	B68	WO 96/20732	July 11, 1996	PCT				
	B67	WO 96/23509	August 8, 1996	PCT				
	B68	WO 96/25177	August 22, 1996	PCT				
	B69	WO 96/30523	October 3, 1996	PCT				
	B70	WO 96/40290	December 19, 1996	PCT				
	B71	WO 97/03198	January 30, 1997	PCT				
	B72	WO 97/11605	April 3, 1997	PCT				
	B73	WO 97/26009	July 24, 1997	PCT				
	B74	WO 98/08539	March 5, 1998	PCT				
	B75	WO 98/34640	August 13, 1998	PCT				
	B76	WO 98/41536	September 24, 1998	PCT				
	B77	WO 98/41645	September 24, 1998	PCT				
	B78	WO 98/43182	October 1, 1998	PCT				
	B79	WO 98/48843	November 5, 1998	PCT				
	B80	WO 98/59074	December 30, 1998	PCT				
	B81	WO 99/02694	January 21, 1999	PCT				
	B82	WO 99/06599	February 11, 1999	PCT				
	B83	WO 99/09412	February 25, 1999	PCT				

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Atty. Docket No.: PP01631.102 (CHIR-1631/03US)

NC	B84	WO 99/12416	March 18, 1999	PCT				
	B85	WO 99/13864	March 25, 1999	PCT				
	B86	WO 99/16883	April 8, 1999	PCT				
	B87	WO 99/33346	July 8, 1999	PCT				
	B88	WO 99/41398	August 19, 1999	PCT				
	B89	WO 99/52463	October 21, 1999	PCT				
	B90	WO 99/53960	October 28, 1999	PCT				
	B91	WO 99/67395	December 29, 1999	PCT				
	B92	WO 00/08043	February 17, 2000	PCT				
	B93	WO 00/18929	April 6, 2000	PCT				
	B94	WO 00/21556	April 20, 2000	PCT				
	B95	WO 00/39302	July 6, 2000	PCT				
	B96	WO 00/39303	July 6, 2000	PCT				
	B97	WO 00/39304	July 6, 2000	PCT				
	B98	WO 00/44926	August 3, 2000	PCT				
	B99	WO 00/65076	November 2, 2000	PCT				
	B100	WO 00/66179	November 9, 2000	PCT				
	B101	WO 00/67761	November 16, 2000	PCT				
	B102	WO 00/67787	November 16, 2000	PCT				

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NC	B103	WO 00/71561	November 30, 2000	PCT				
	B104	WO 01/02607	January 11, 2001	PCT				
	B105	WO 01/12223	February 22, 2001	PCT				
	B106	WO 01/16342	March 8, 2001	PCT				
	B107	WO 01/19958	March 22, 2001	PCT				
	B108	WO 01/21270	March 29, 2001	PCT				
	B109	WO 01/26681	April 19, 2001	PCT				
	B110	WO 01/29225	April 26, 2001	PCT				
	B111	WO 01/36614	May 25, 2001	PCT				
	B112	WO 01/42308	June 14, 2001	PCT				
	B113	WO 01/43693	June 21, 2001	PCT				
	B114	WO 01/45748	June 28, 2001	PCT				
	B115	WO 01/46408	June 28, 2001	PCT				
	B116	WO 01/47955	July 5, 2001	PCT				
	B117	WO 01/54701	August 2, 2001	PCT				
	B118	WO 01/54719	August 2, 2001	PCT				
	B119	WO 01/60838	August 23, 2001	PCT				
	B120	WO 01/60393	August 23, 2001	PCT				
	B121	EP 0187041	July 9, 1986	EPO				

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NC	B122	EP 0199301A1	October 29, 1986	EPO					
	B123	EP 0242216	October 21, 1987	EPO					
	B124	EP 0314317A1	May 3, 1989	EPO					
	B125	EP 0449116B1	October 2, 1991	EPO					
	B126	EP 0617132A2	September 28, 1994	EPO					
	B127	0 449 116 A1	October 2, 1991	EPO					
	B128	EP 0449116B1	August 11, 1999	EPO					

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

Ex'r Initial	Ref. No.	Description
NC	C1	GenBank accession no: AF110965
	C2	GenBank accession no: AF110967
	C3	GenBank accession no: AF110968
	C4	GenBank accession no: AF110975
	C5	GenBank accession no: M65024
	C6	Adams et al., "The Expression of Hybrid HIV-1 Virus-like Particles In Yeast," <i>Nature</i> 329:68-70 (1987)

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Atty. Docket No.: PP01631.102 (CHIR-1631/03US)

Ex'r Initial	Ref. No.	Description
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	C9	Arthur, et al., "Serological Responses in Chimpanzees Inoculated with Human Immunodeficiency Virus Glycoprotein (Gp120) Subunit Vaccine," <i>Proc Natl Acad Sci USA</i> <u>84</u> (23):8583-8587 (1987)
	C10	Azevedo et al., "Main Features of DNA-Based Immunization Vectors," <i>Braz J Med Biol Res.</i> <u>32</u> (2):147-153 (1999)
	C11	Baker et al., "Structures of Bovine and Human Papillomaviruses. Analysis by Cryoelectron Microscopy and Three-dimensional Image Reconstruction," <i>Biophys. J.</i> <u>60</u> :1445-1456 (1991)
	C12	Barr, et al., "Antigenicity and Immunogenicity of Domains of the Human Immunodeficiency Virus (HIV) Envelope Polypeptide Expressed in the Yeast <i>Saccharomyces cerevisiae</i> ," <i>Vaccine</i> <u>5</u> (2):90-101 (1987)
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	C16	Berger, P.B., "New Directions in Research: Report from the 10th International Conference on AIDS," <i>Canadian Medical Association Journal</i> <u>152</u> (12):1991-1995 (1995)
	C17	Berman, et al., "Human Immunodeficiency Virus Type 1 Challenge of Chimpanzees Immunized with Recombinant Envelope Glycoprotein gp120," <i>Proc Natl Acad Sci USA</i> <u>85</u> (14):5200-5204 (1988)
↓	C18	Berman, et al., "Expression and Immunogenicity of the Extracellular Domain of the Human Immunodeficiency Virus Type 1 Envelope Glycoprotein, gp160," <i>J Virol.</i> <u>63</u> (8):3489-3498 (1989)

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In re the Application of Barnett et al.

Examiner: Unassigned

Serial No.: 09/899,575

Art Unit: 1635 1648

Filed: July 5, 2001

Confirmation No.: 1709

Title: POLYNUCLEOTIDES ENCODING ANTIGENIC HIV TYPE C POLYPEPTIDES, POLYPEPTIDES AND USES THEREOF

Atty. Docket No.: PP01631.102 (CHIR-1631/03US)

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	C21	Borrow, et al., "Virus-Specific CD8+ Cytotoxic T-Lymphocyte Activity Associated with Control of Viremia in Primary Human Immunodeficiency Virus Type 1 Infection," <i>J Virol.</i> <u>68</u> (9):6103-6110 (1994)
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	C23	Brown et al., "Chimeric Parvovirus B19 Capsids for the Presentation of Foreign Epitopes," <i>Virology</i> <u>198</u> :477-488 (1994)
	C24	Bujacz, G., et al., "The Catalytic Domain of Human Immunodeficiency Virus Integrase: Ordered Active Site in the F185H Mutant," <i>Febs Letters</i> , <u>398</u> (2-3):175-178 (1996)
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	C26	Carmichael et al., "Quantitative Analysis of the Human Immunodeficiency Virus Type 1 (Hiv-1)-specific Cytotoxic T Lymphocyte (Ct) Response at Different Stages of Hiv-1 Infection: Differential Ct Responses to Hiv-1 and Epstein-barr Virus in Late Disease," <i>J Exp Med.</i> <u>177</u> (2):249-256 (1993)
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	C30	Clavel et al., "Isolation of a New Human Retrovirus from West African Patients with AIDS," <i>Science</i> <u>233</u> :343-346 (1986)
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WC	C32	Daar et al., "Transient High Levels of Viremia in Patients with Primary Human Immunodeficiency Virus Type 1 Infection," <i>N Engl J Med.</i> 324(14):961-964 (1991)
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	C34	Davies J. F., et al., "Crystal structure of the ribonuclease H domain of HIV-1 reverse transcriptase," <i>Science</i> 252(5002):88-95 (1991)
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Confirmation No.: 1709

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Ex'r Initial	Ref. No.	Description
NC	C44	Evans et al., "An Engineered Poliovirus Chimaera Elicits Broadly Reactive Hiv-1 Neutralizing Antibodies," <i>Nature</i> <u>339</u> (6223):385-388 (1989)
	C45	Faust et al., "Outpatient Biopsies of the Palatine Tonsil: Access to Lymphoid Tissue for Assessment of Human Immunodeficiency Virus RNA Titers," <i>Otolaryngol Head Neck Surg.</i> <u>114</u> (4):593-598 (1996)
	C46	Fennie et al., "Model for Intracellular Folding of the Human Immunodeficiency Virus Type 1 gp120," <i>J Virol.</i> <u>63</u> (2):639-646 (1989)
	C47	Ferre et al., "Combination Therapies Against HIV-1 Infection: Exploring the Concept of Combining Antiretroviral Drug Treatments with HIV-1 Immune-Based Therapies in Asymptomatic Individuals," <i>AIDS Patient Care STDS</i> <u>10</u> (6):357-361 (1996)
	C48	Fisher, et al., "Biologically diverse molecular variants within a single HIV-1 isolate," <i>Nature</i> <u>334</u> :444-447 (1988)
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	C55	Griffiths J.C. et al., "Hybrid Human Immunodeficiency Virus Gag Particles as an Antigen Carrier System: Induction of Cytotoxic T-cell and Humoral Responses by a Gag:V3 Fusion," <i>J. Virol.</i> <u>67</u> (6):3191-3198 (1993)

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NC	C56	Grimison B. and Laurence, J., "Immunodominant Epitope Regions of HIV-1 Reverse Transcriptase: Correlations with HIV-1+ Serum IgG Inhibitory to Polymerase Activity and With Disease Progression," <i>Journal Of Acquired Immune Deficiency Syndromes and Human Retrovirology</i> 9(1):58-68 (1995)
	C57	Gurgo et al., "Envelope Sequences of Two New United States HIV-1 Isolates," <i>Virology</i> 164:531-536 (1988)
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	C64	Hammer et al., "Issues in Combination Antiretroviral Therapy: a Review," <i>J Acquir Immune Defic Syndr.</i> 7(Suppl 2):S24-S37 (1994)
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	C66	Haynes et al., "Toward an Understanding of the Correlates of Protective Immunity to Hiv Infection" <i>Science</i> 271:324-328 (1996)
	C67	Heeney et al., "Beta-chemokines and Neutralizing Antibody Titers Correlate with Sterilizing Immunity Generated in HIV-1 Vaccinated Macaques," <i>Proc Natl Acad Sci USA</i> 95(18):10803-10808 (1998)

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Serial No.: 09/899,575

Art Unit: ~~1638~~ 1648

Filed: July 5, 2001

Confirmation No.: 1709

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Atty. Docket No.: PP01631.102 (CHIR-1631/03US)

Ex'r Initial	Ref. No.	Description
NC	C68	Hickman, A. B., et al., "Biophysical and enzymatic properties of the catalytic domain of HIV-1 integrase," <i>Journal Of Biological Chemistry</i> 269(46):29279-29287 (1994)
	C69	Ho et al., "Human Immunodeficiency Virus Neutralizing Antibodies Recognize Several Conserved Domains on the Envelope Glycoproteins," <i>J Virol.</i> 61(6):2024-2028 (1987)
	C70	Jacobo-Molina, A. et al., "Crystal Structure of Human Immunodeficiency Virus Type 1 Reverse Transcriptase Complexed with Double-stranded DNA at 3.0 A Resolution Shows Bent DNA," <i>Proceedings Of the National Academy Of Sciences Of the United States Of America</i> 90(13):6320-6324 (1993)
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	C72	Keefer, et al., "Safety and Immunogenicity of Env 2-3, a Human Immunodeficiency Virus Type 1 Candidate Vaccine, in Combination with a Novel Adjuvant, MTP-PE/MF59. NIAID AIDS Vaccine Evaluation Group," <i>AIDS Res Hum Retroviruses.</i> 12(8):683-693 (1996)
	C73	Kimbauer et al., "Efficient Self-assembly of Human Papillomavirus Type 16 L1 and L1-L2 into Virus-Like Particles," <i>J. Virol.</i> 67:6929-6936 (1993)
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NC	C81	Kovacs et al., "Controlled Trial of Interleukin-2 Infusions in Patients Infected with the Human Immunodeficiency Virus," <i>N Engl J Med.</i> <u>335</u> (18):1350-1356 (1996)
	C82	Krausslich et al., "Processing of in Vitro-synthesized Gag Precursor Proteins of Human Immunodeficiency Virus (HIV) Type 1 by HIV Proteinase Generated in <i>Escherichia coli</i> ," <i>J. Virol.</i> <u>62</u> :4393-4397 (1988)
	C83	Kreuter J., et al., "Mode of Action of Immunological Adjuvants: Some Physicochemical Factors Influencing the Effectivity of Polyacrylic Adjuvants," <i>Infect Immun.</i> <u>19</u> (2):667-675 (1978)
	C84	Krug, M. S. and Berger, S. L., "Reverse Transcriptase from Human Immunodeficiency Virus: a Single Template-primer Binding Site Serves Two Physically Separable Catalytic Functions," <i>Biochemistry</i> <u>30</u> (44):10614-10623 (1991)
	C85	Kuby, Immunology, "Vaccines," 2 <sup>nd</sup> Ed., WH Freeman and Company 1994, pp. 469-471
	C86	Lalvani A. et al., "Rapid effector Function in CD8+ Memory T Cells," <i>J. Exp. Med.</i> <u>186</u> :859-865 (1997)
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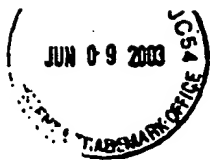
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In re the Application of Barnett et al.

Examiner: Unassigned

Serial No.: 09/899,575

Art Unit: ~~1933~~ 1648

Filed: July 5, 2001

Confirmation No.: 1709

Title: POLYNUCLEOTIDES ENCODING ANTIGENIC HIV TYPE C POLYPEPTIDES, POLYPEPTIDES AND USES THEREOF

Atty. Docket No.: PP01631.102 (CHIR-1631/03US)

Ex'r Initial	Ref. No.	Description
WC	C106	Odile et al., "Anti-HIV Active Immunization, Evidence for Persistent Cell Mediated Immunity after a 2 Year Follow Up," Eighth International Conference on AIDS/III STD World Congress Amsterdam, The Netherlands 19-24 July 1992, Abstract No. MOB 0024
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In re the Application of Barnett et al.

Examiner: Unassigned

Serial No.: 09/899,575

An Unit: 1653 1648

Filed: July 5, 2001

Confirmation No.: 1709

Title: POLYNUCLEOTIDES ENCODING ANTIGENIC HIV TYPE C POLYPEPTIDES, POLYPEPTIDES AND USES THEREOF

Atty. Docket No.: PP01631.102 (CHIR-1631/03US)

Ex'r Initial	Ref. No.	Description
NC	C117	Robey, et al., "Prospect for Prevention of Human Immunodeficiency Virus Infection: Purified 120-kDa Envelope Glycoprotein Induces Neutralizing Antibody," <i>Proc Natl Acad Sci USA</i> <u>83</u> (18):7023-7027 (1986)
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In re the Application of Barnett et al.

Serial No.: 09/899,575

Filed: July 5, 2001

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Art Unit: 1625 **1648**

Confirmation No.: 1709

Title: POLYNUCLEOTIDES ENCODING ANTIGENIC HIV TYPE C POLYPEPTIDES, POLYPEPTIDES AND USES THEREOF

Atty. Docket No.: PP01631.102 (CHIR-1631/03US)

Ex'r Initial	Ref. No.	Description
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Date Considered: 03/31/04

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In re the Application of Barnett et al.

Serial No.: 09/899,575

Filed: July 5, 2001

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Art Unit: ~~1853~~ 1648

Confirmation No.: 1709

Title: POLYNUCLEOTIDES ENCODING ANTIGENIC HIV TYPE C POLYPEPTIDES, POLYPEPTIDES AND USES THEREOF

Atty. Docket No.: PP01631.102 (CHIR-1631/03US)

Ex'r Initial	Ref. No.	Description
NC	C142	Wakefield, J. Ket al., "In Vitro Enzymatic Activity of Human Immunodeficiency Virus Type 1 Reverse Transcriptase Mutants in the Highly Conserved YMDD Amino Acid Motif Correlates with the Infectious Potential of the Proviral Genome," <i>Journal Of Virology</i> 66(11):6806-6812 (1992)
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In re the Application of Barnett et al.

Examiner: Unassigned

Serial No.: 09/899,575

Art Unit: ~~1633~~ 1648

Filed: July 5, 2001

Confirmation No.: 1709

Title: POLYNUCLEOTIDES ENCODING ANTIGENIC HIV TYPE C POLYPEPTIDES, POLYPEPTIDES AND USES THEREOF

Atty. Docket No.: PP01631.102 (CHIR-1631/03US)

Ex'r Initial	Ref. No.	Description
NC	C154	zur Megede et al., "Increased Expression and Immunogenicity of Sequence-modified Human Immunodeficiency Virus Type 1 Gag Gene," <i>J Virol.</i> 74(6):2628-2635 (2000)

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Date Considered: 03/31/06

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)			<b>Complete if Known</b>		
			Application Number	09/899,575	
			Filing Date	July 5, 2001	
			First Named Inventor	ZUR MEGEDE et al.	
			Group Art Unit	1648	
Sheet	1	of	1	Examiner Name	<del>B. Whitman</del> PARKER, JEFFREY
				Attorney Docket Number	PP001631.0102 (2300-1631.21)

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
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		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)			
J	B1	WO	97/31115		Merck & Co., Inc.	08-28-1997	
	B2	WO	99/41397		Oxford Biomedica Limited	08-19-1999	
	B3	WO	00/15819		The Children's Medical Center	03-23-2000	
	B4	WO	03/004620	A2	Chiron Corporation	01-16-2003	

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J	C1	Haas et al., "CYTOTOXIN T-CELL RESPONSES TO HIV-1 REVERSE TRANSCRIPTASE, INTEGRASE AND PROTEASE," AIDS, 12:1427-1436 (1998).	
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	C4	Williamson, et al., "DESIGNING HIV-1 SUBTYPE C VACCINES FOR SOUTH AFRICA," South African Journal of Science, 96:318-324 (2000).	

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